

Abstract

The invention relates to a method and apparatus for checking value documents having an authenticity feature in the form of at least one luminescent substance.

Forming a measuring vector from the measuring values corresponding to different frequencies and/or frequency domains of the luminescence radiation, and performing an allocation of the measuring vector to one of a plurality of given reference vectors corresponding to different authenticity features by allocating at least one object allocation area to each reference vector and checking which object allocation area the measuring vector is located in, permits a simple and reliable distinction of authenticity features having very similar spectral behavior to be obtained.